10 Years of Python Libraries

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{ Who am I? }

ARMIN RONACHER

Advisor and System Architect at Splash Damage / Fireteam
Partner at Getsentry

lucumr.pocoo.org/talks

{ Where I come from }

Hermagor

(Carinthia, Austria)

POPULATION: 6952

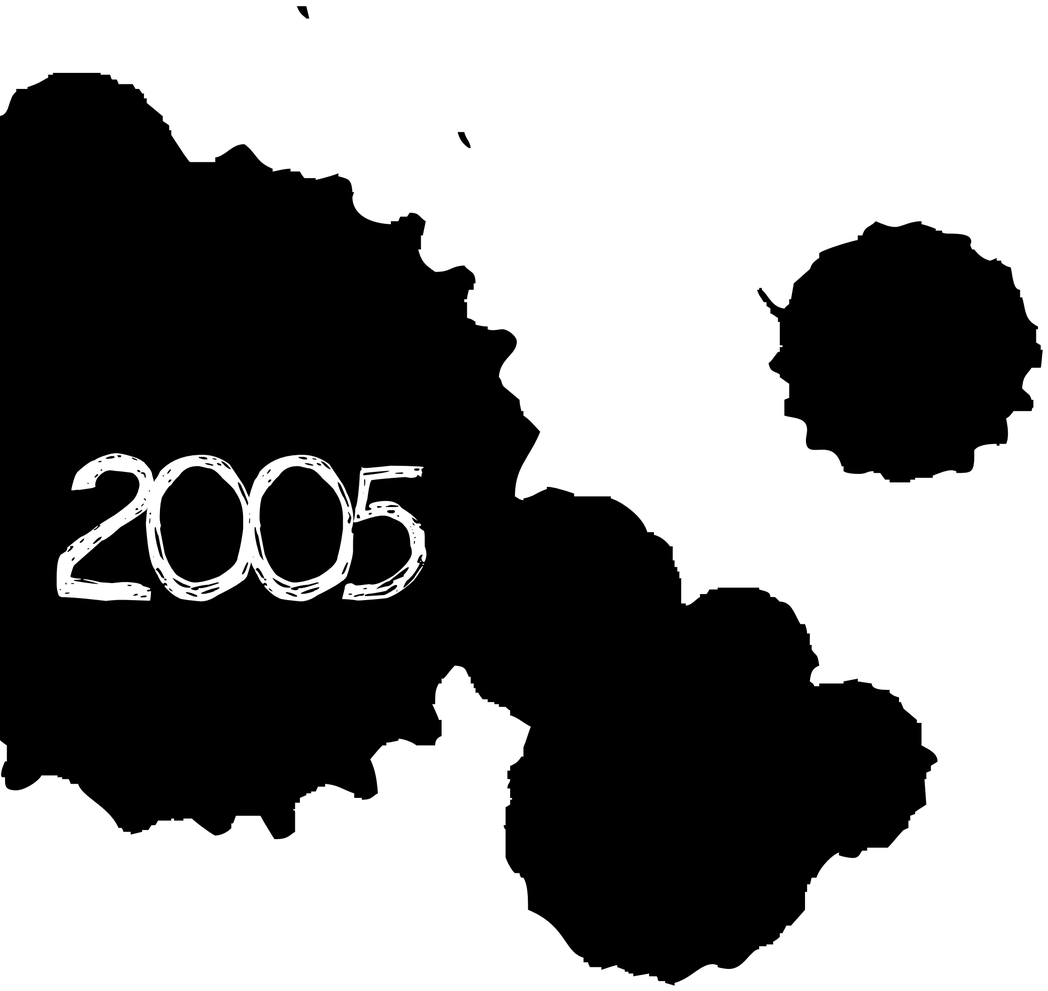
COMPUTER SCIENTISTS: O

THE INTERNET

to the rescue

Discovered Python

ubuntuusers.de

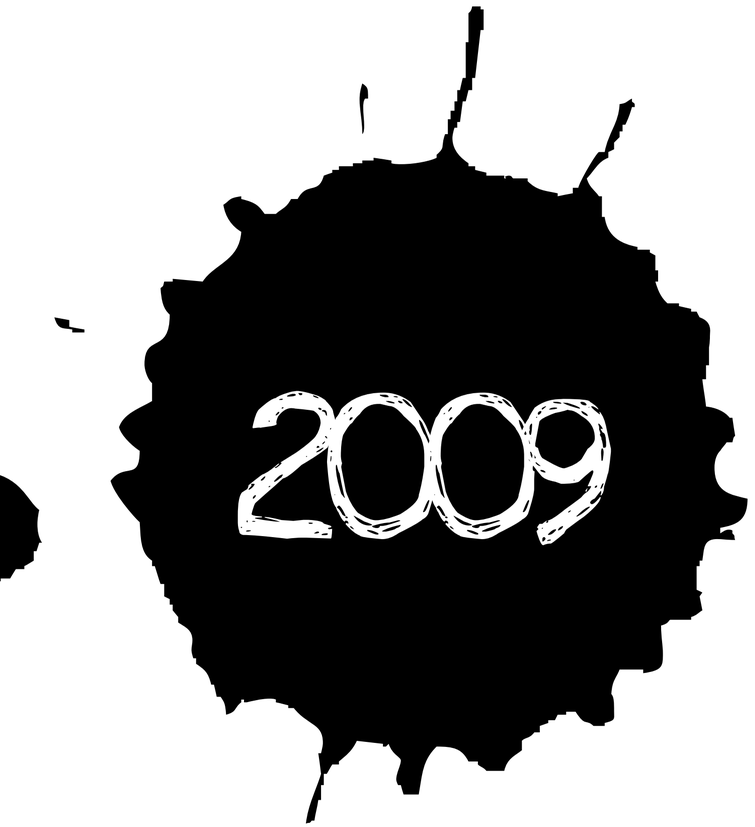


Pocoo!

WTF is CGI?

2006
GPL Licensed!

Licensing



Flask

Many, many more

Open Source Consulting

{ How to Succeed }

you can only build what you use

you can only build what you understand

you can only build what you love

be critical

restrict your API

license it well

{ The Thing with Using }

chicken and egg situation:

not enough to use it after building;

how do you use something that does not exist?

Iteration

MOCKUPS

Use the Repl

Learn to Throw Away

SYSTEMS >

SOLUTIONS

one trick pony

{ Understanding }

this is the trickiest part

especially if you build something new

Data Flow & Transformation

Context matters

{ Love what you build }

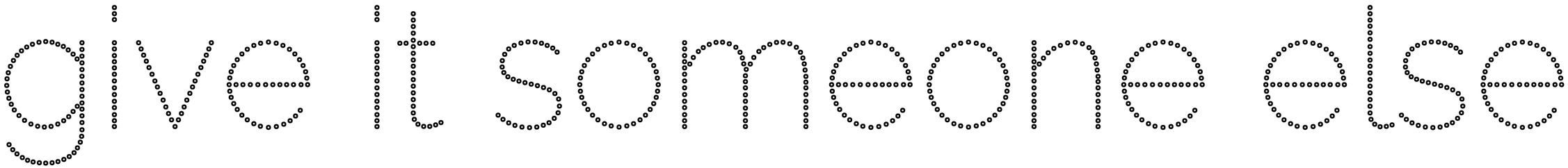
how do you know you found love?

do you ...

enjoy using it? :)

what if you found new love?

ADMIT MISTAKES


give it someone else

{ being critical }

it's normal to learn

you might hate what
you did a year ago

careful though:

SECOND SYSTEM SYNDROME

{ Restrict your API }

APIs are Contracts

contracts

are

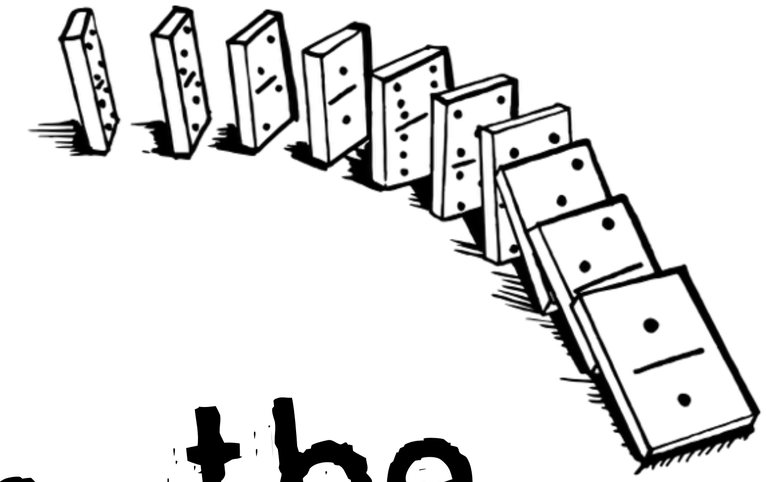
expensive

complicates
maintenance

it's okay to keep things private

you can make them public later on

{ license it well }



consider the consequences

licenses

are forever

{ API Design Goals }

stateless

layered

consistent

small

abstraction leakage

thou shall write

DOCUMENTATION